



IFWO

## RAW SEQUENCE LISTING

DATE: 09/13/2004

PATENT APPLICATION: US/10/826,175

TIME: 10:45:58

Input Set : A:\-63-1.app

Output Set: N:\CRF4\09132004\J826175.raw

```

3 <110> APPLICANT: Guy, Rodney Kiplin
4   Haresco, Jose
5   Fujii, Naoaki
6   Novak, Kathleen P.
7   Stokoe, David
8   He, Biao
9   You, Liang
10  Xu, Zhidong
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12  The Regents of the University of California
14 <120> TITLE OF INVENTION: Small Molecule Inhibition of PDZ-Domain Interaction
16 <130> FILE REFERENCE: 018062-006310US
18 <140> CURRENT APPLICATION NUMBER: US 10/826,175
19 <141> CURRENT FILING DATE: 2004-04-15
21 <150> PRIOR APPLICATION NUMBER: US 60/463,198
22 <151> PRIOR FILING DATE: 2003-04-15
24 <160> NUMBER OF SEQ ID NOS: 5
26 <170> SOFTWARE: PatentIn Ver. 2.1
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 13
30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Description of Artificial Sequence:fluorescein
35   labeled carboxy terminal sequence of PTEN
36   fluorescence polarization competition assay probe
38 <220> FEATURE:
39 <221> NAME/KEY: MOD_RES
40 <222> LOCATION: (1)
41 <223> OTHER INFORMATION: Xaa = Pro modified by OregonGreen
43 <400> SEQUENCE: 1
W--> 44 Xaa Phe Asp Glu Asp Gln His Thr Gln Ile Thr Lys Val
45   1               5               10
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 13
50 <212> TYPE: PRT
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence:highest
55   affinity peptide sequence for MAGI-3 PDZ2
56   fluorescence polarization competition assay positive
57   control
59 <400> SEQUENCE: 2

```

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60 Pro Phe Asp Glu Asp Gln His Thr Gln Ile Thr Trp Val

61 1 5 10

64 &lt;210&gt; SEQ ID NO: 3

65 &lt;211&gt; LENGTH: 13

66 &lt;212&gt; TYPE: PRT

67 &lt;213&gt; ORGANISM: Artificial Sequence

69 &lt;220&gt; FEATURE:

70 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:fluorescence

71 polarization competition assay GST-MAGI-3-PDZ2

72 binding peptide

74 &lt;220&gt; FEATURE:

75 &lt;221&gt; NAME/KEY: MOD\_RES

76 &lt;222&gt; LOCATION: (1)

77 &lt;223&gt; OTHER INFORMATION: Xaa = Pro modified by OregonGreen

79 &lt;400&gt; SEQUENCE: 3

W--&gt; 80 Xaa Phe Asp Glu Asp Gln His Thr Gln Ile Thr Thr Val

81 1 5 10

84 &lt;210&gt; SEQ ID NO: 4

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86 &lt;212&gt; TYPE: PRT

87 &lt;213&gt; ORGANISM: Artificial Sequence

89 &lt;220&gt; FEATURE:

90 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:peptide for

91 producing anti-phospho-Ser473 antibodies

93 &lt;220&gt; FEATURE:

94 &lt;221&gt; NAME/KEY: MOD\_RES

95 &lt;222&gt; LOCATION: (9)

96 &lt;223&gt; OTHER INFORMATION: Xaa = phosphoserine

98 &lt;400&gt; SEQUENCE: 4

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100 1 5 10 15

103 &lt;210&gt; SEQ ID NO: 5

104 &lt;211&gt; LENGTH: 11

105 &lt;212&gt; TYPE: PRT

106 &lt;213&gt; ORGANISM: Artificial Sequence

108 &lt;220&gt; FEATURE:

109 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence:synthetic

110 substrate peptide for kinase activity assay

112 &lt;400&gt; SEQUENCE: 5

113 Gly Arg Pro Arg Thr Ser Ser Phe Ala Glu Gly

114 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/826,175

DATE: 09/13/2004  
TIME: 10:45:59

Input Set : A:\-63-1.app  
Output Set: N:\CRF4\09132004\J826175.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1  
Seq#:3; Xaa Pos. 1  
Seq#:4; Xaa Pos. 9

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/826,175

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TIME: 10:45:59

Input Set : A:\-63-1.app

Output Set: N:\CRF4\09132004\J826175.raw

L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0